



**US Army Corps  
of Engineers®**

# Public Notice

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Public Notice No. **04-11**

Date: **February 26, 2004**

Nashville District

Application No. **200400117**

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Please address all comments to:  
Nashville District Corps of Engineers, Regulatory Branch (Attn: Richard  
Graham)  
3701 Bell Road, Nashville, TN 37214

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## **JOINT PUBLIC NOTICE US ARMY CORPS OF ENGINEERS STATE OF TENNESSEE**

**SUBJECT:** Proposed Stream Encapsulation and Sewage Lagoon, Tributary to Spring Creek, Opposite Cumberland River Mile 154.6, Right Bank

**TO ALL CONCERNED:** The project described below has been submitted for a Department of the Army (DA) Permit pursuant to **Section 404 of the Clean Water Act (CWA)**. Before a permit can be issued, certification must be provided by the state of Tennessee, Division of Water Pollution Control, pursuant to Section 401(a)(1) of the CWA, that applicable water quality standards will not be violated. The applicant will apply for the State certification by separate application.

**APPLICANT:** Pleasant View Utility District  
6589 Highway 41-A  
Pleasant View, Tennessee 37146

**LOCATION:** Unnamed tributary to Mile 1.7R, Spring Creek, Opposite Cumberland River Mile 154.6R, Cheatham County, Tennessee (USGS Quad: Ashland City, TN; Latitude 36 deg 20 min 58 sec; Longitude 87 deg 5 min 47 sec).

**DESCRIPTION:** The utility district proposes to create a sewer treatment lagoon in a hollow within which now flows an intermittent headwater stream. Proposed work would consist of piping approximately 700 feet of the stream within a perforated 12-inch pipe encapsulated in gravel, constructing a 1,000-foot long by 82-foot high earthen impoundment, and lining the created lagoon. Surface area of the proposed lagoon at the high operation level would be approximately 9.7 acres. Effluent from an existing lagoon would be piped to the bottom of the proposed lagoon at an approximate elevation of 470 MSL. Effluent from the proposed lagoon would be drawn from one of three draw-off pipes and delivered to disposal fields. On-site mitigation would include creation of approximately 850 feet of meandering stream from the base of the impoundment to Spring Creek. Two wetlands (about 0.125 acre each) would be constructed on the ridge slopes at either end of the impoundment, and would be fed by stormwater flow. This

proposal was identified as the best alternative based on an alternatives analysis performed by the applicant. The proposed sewer lagoon would provide expanded sewer treatment capacity to meet the needs of the Pleasant View community. Plans of the proposed work are attached.

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources.

The benefit, which reasonably may be expected to accrue from the work, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the work, will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b)(1) of the CWA (40 CFR Part 230). A permit will be granted unless the District Engineer determines it to be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Indian tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historical properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. An EA will be prepared by this office prior to a final decision concerning issuance or denial of the requested DA Permit.

The National Register of Historic Places has been consulted and no properties listed in or eligible for the National Register are known which would be affected by the proposed work. This review constitutes the full extent of cultural resources investigations unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the office of the State Historic Preservation Officer.

Based on available information, the proposed work will not destroy or endanger any federally listed threatened or endangered species or their critical habitats, as identified

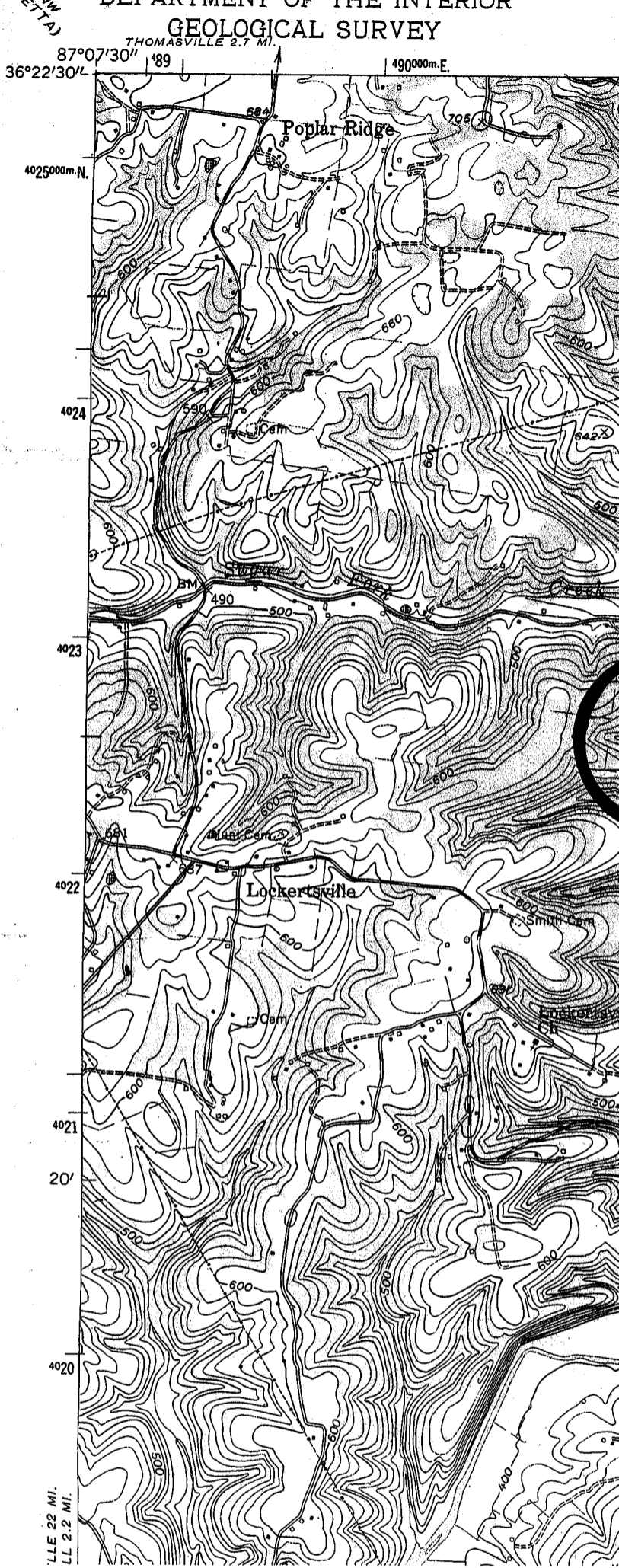
under the Endangered Species Act. Therefore, we have reached a no effect determination and initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

**CELRN-OP-F 04-11**

Other federal, state, and/or local approvals for the proposed work are as follows:

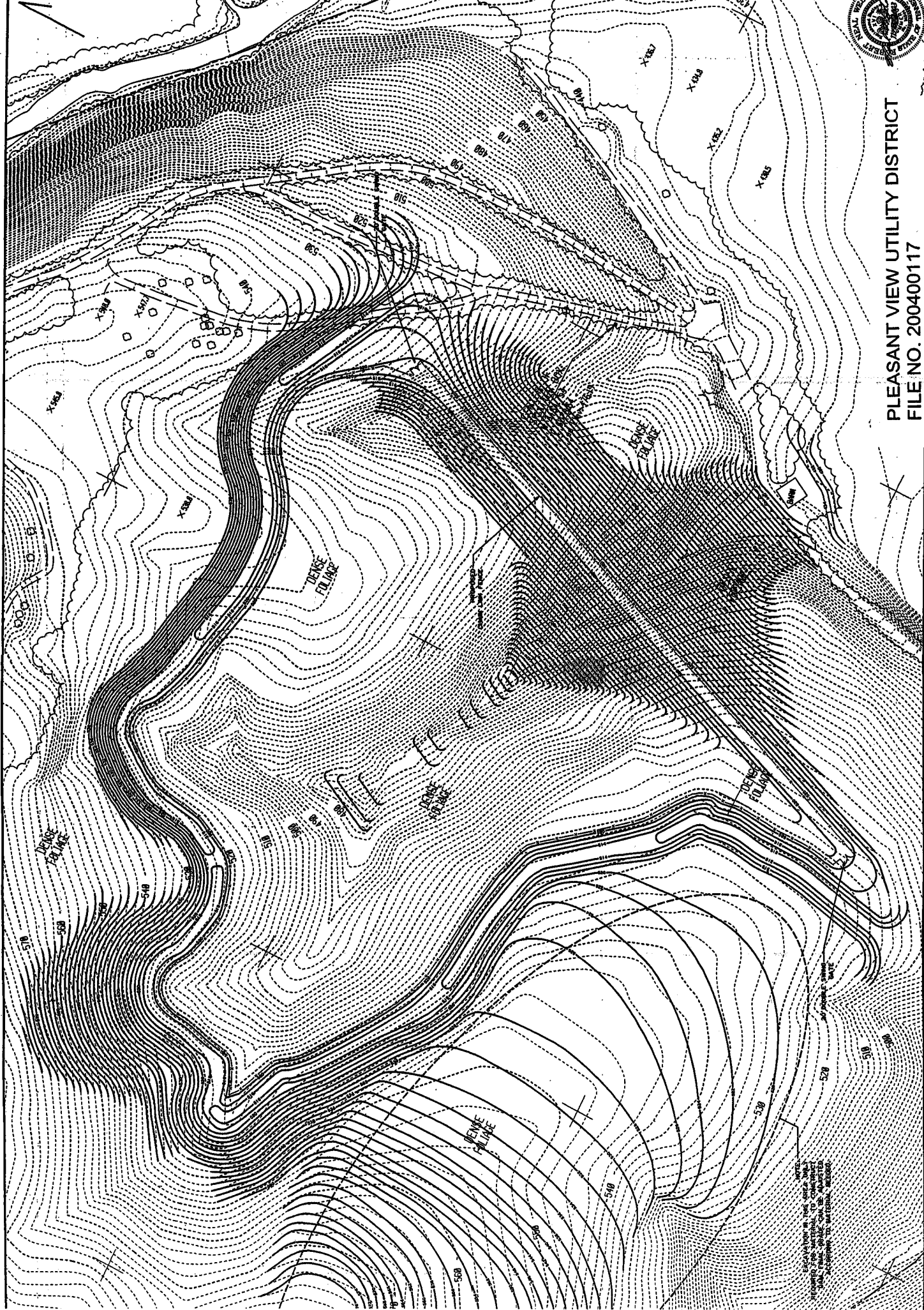
Water quality certification from the state of Tennessee in accordance with Section 401(a)(1) of the Clean Water Act.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for hearings shall state, with particularity, the reasons for holding a hearing. Written statements received in this office on or before **March 26, 2004**, will become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attn: Richard Graham, address above, telephone (615) 369-7507, Fax (615) 369-7501. The e-mail address is [richard.graham@usace.army.mil](mailto:richard.graham@usace.army.mil).



PLEASANT VIEW UTILITY DISTRICT  
FILE NO. 200400117  
PUBLIC NOTICE NO. 04-11  
USGS QUAD: ASHLAND CITY, TN.  
EXHIBIT A



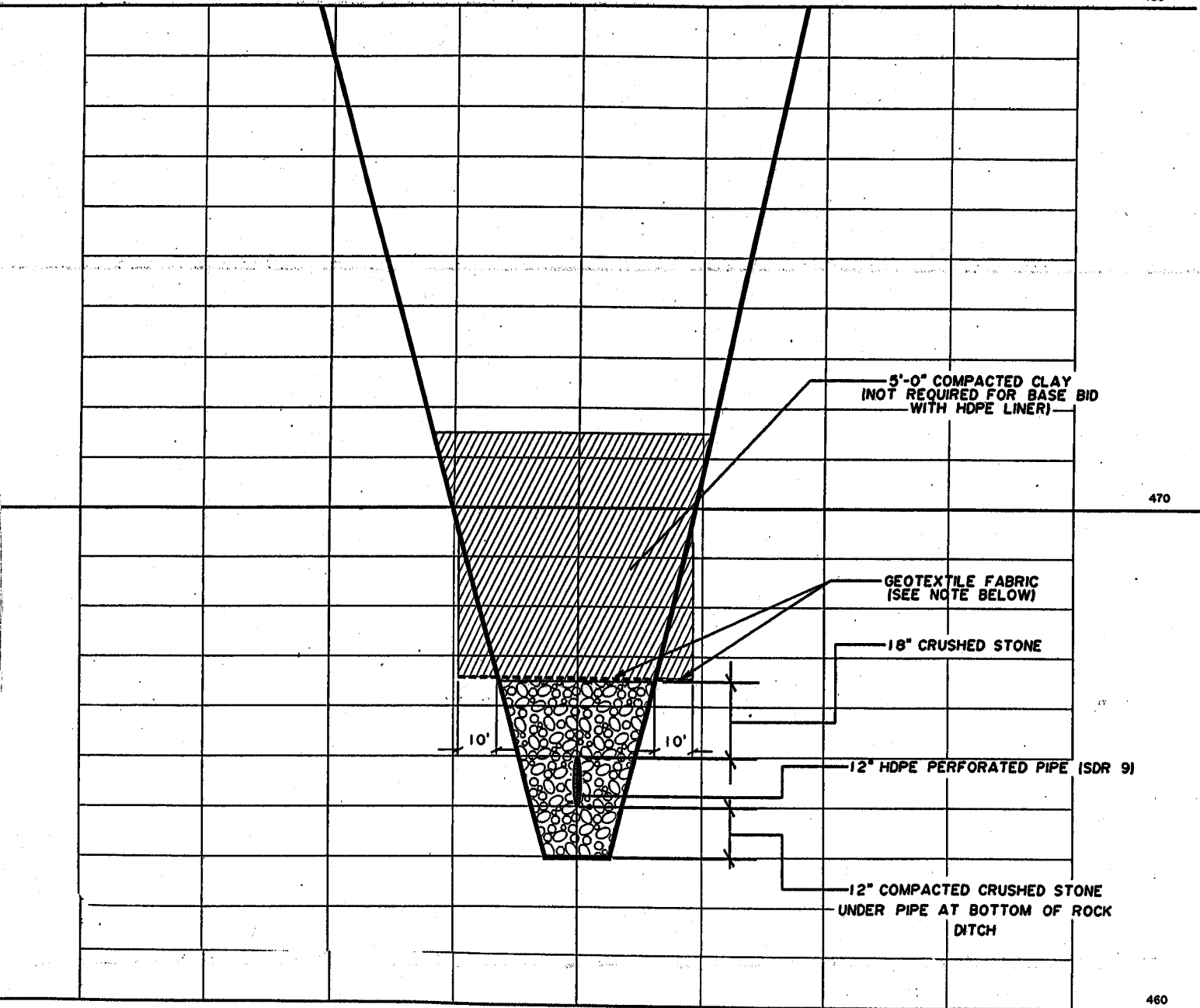


PLEASANT VIEW UTILITY DISTRICT  
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EXHIBIT C

480

470

460



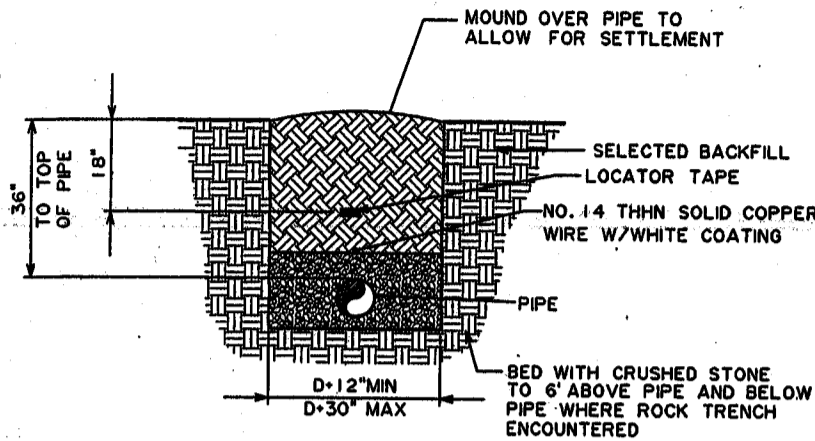
# CROSS SECTION

(BOTTOM OF LAGOON)

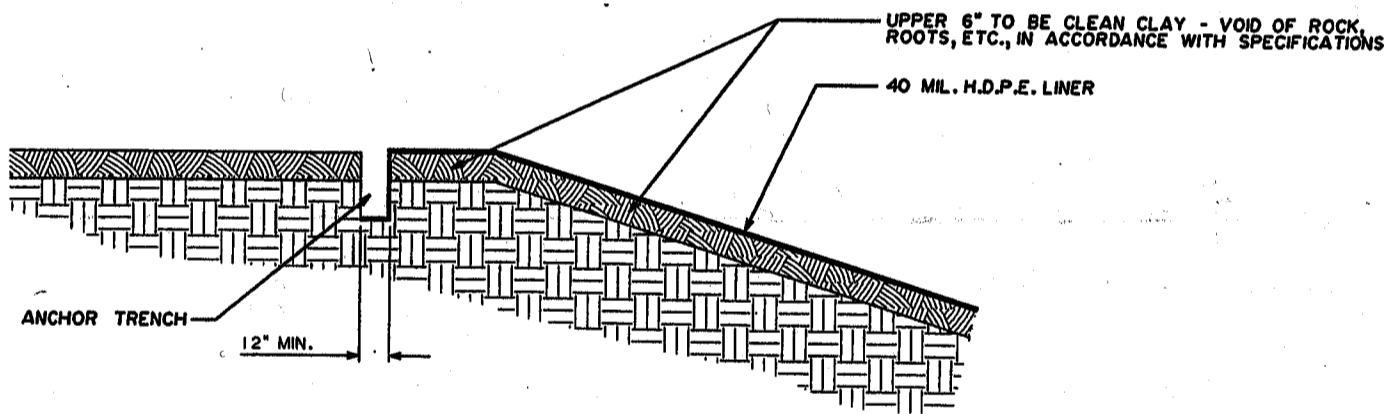
20' HORZ. / 1"=2' VERT.

NOTE:  
GEOTEXTILE FABRIC CAPABLE OF FILTERING  
FINE GRANULAR SOILS. THE FABRIC SHOULD EXTEND  
AT LEAST 10 FEET OUTSIDE CRUSHED STONE.

THE FABRIC CAN CONSIST OF:  
1.) MIRAF 1500X OR 600X  
2.) PHILLIPS 66 SUPAC 6WS  
3.) DUPONT TYPAK 3401 AND 3601  
4.) TREVIRA S1114 AND S1120  
5.) TENSAR SS-1 AND SS-2  
6.) EXXON GTF-200 OR 350  
7.) TERRATEX HD AND GS



**PIPE TRENCH DETAIL**  
NTS



**LAGOON LINER DETAIL**  
NOT TO SCALE

PROPOSED ONSITE MITIGATION

PLEASANT VIEW UTILITY DISTRICT  
FILE NO. 200400117  
PUBLIC NOTICE NO. 04-11  
EXHIBIT F

EXISTING 3" CL. 200' P.V.C. FORCEMAIN  
GENERAL AREA OF WETLAND  
INSTALL 200' P.V.C. TEMPORARY LINE WITH 12" MINIMUM COVER  
CONCRETE BRACE  
3" CL. 200' P.V.C.  
CONNECT TO EXISTING 3" LINE AND INSTALL 3" BUTTERFLY VALVE & BOX  
ENCAPSULATE PIPE WITH CLAY ONLY IN THIS AREA  
INSTALL 20" CMP TO PROVIDE ACCESS ROAD GRADE FOR TRUCK ACCESS  
BARN  
SPRING  
DENSE FOLIAGE  
DRAW-OFF HEADER (SEE DETAIL SHEET C-3)  
SEE DETAIL SHEET C-3  
ED HOPE PIPE SHEET C-3  
DENSE FOLIAGE

PROPOSED WETLAND (APPROX. 0.125 ACRE)

PROPOSED MEANDERING PERENNIAL 850' STREAM

GENERAL AREA OF WETLAND

W

PROPOSED ONSITE MITIGATION

PLEASANT VIEW UTILITY DISTRICT  
FILE NO. 200400117  
PUBLIC NOTICE NO. 04-11  
EXHIBIT F

GENERAL AREA OF WETLAND

EXISTING 3" CL. 800 PVC  
FORCEMAIN

INSTALL 20" PVO TEMPORARY LINE  
MINIMUM COVER

PROPOSED WETLAND  
(APPROX. 0.125 ACRE)

CONCRETE BRACE  
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